

**To:** Robert Law[rlaw@demaximis.com]  
**Cc:** Willard Potter[otto@demaximis.com]; Marcia Greenblatt[mgreenblatt@integral-corp.com]; Mike Barbara[mab.consulting@verizon.net]  
**From:** Vaughn, Stephanie  
**Sent:** Tue 5/28/2013 5:59:36 PM  
**Subject:** RE: SSP2 Follow-up....

Hi Rob,

The email should have referred to additional probing near shore on the east bank, not west bank, near 12A-0475 and the Unnamed Creek. The purpose of the probing in this area is to see if 1 or 2 cores can be placed, to delineate the contamination at depth in this area. A comprehensive probing program in this area is not needed.

In addition, some probing should be used to place a coring on the west bank, in the area just north of the RM 9.5 marker.

Hope this helps clarify, sorry for any confusion.

Stephanie

**From:** Robert Law [mailto:rlaw@demaximis.com]  
**Sent:** Tuesday, May 28, 2013 12:08 PM  
**To:** Vaughn, Stephanie  
**Cc:** Willard Potter; Marcia Greenblatt; Mike Barbara  
**Subject:** Re: SSP2 Follow-up....

Stephanie:

The CPG has reviewed the additional probing areas that EPA is requesting, and some of them were thoroughly probed in 2007/2008 by LBG/MPI and ENSR/AECOM for CPG. Attached are some close ups of the area around 12A-0475 and Unnamed Creek. The probing transects are 200' apart for the previous

probing was which is the same spacing that the CPG is currently proposing for the SSP 2 probing. While the CPG understands some confirmatory re-probing of the and the CPG has proposed some. The additional areas that the EPA is requesting will increase the probing phase of the project from 1 week to nearly a second week. While the CPG supports probing as low cost alternative to using a full rig and dealing with multiple attempts/refusal; we don't understand the objective(s) of redoing large portions of the areas that were previously surveyed during the 2007/2008 surveys.

Please let me know if you would like to discuss.

Thanks

R/

Rob

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>>> "Vaughn, Stephanie" <[Vaughn.Stephanie@epa.gov](mailto:Vaughn.Stephanie@epa.gov)> 5/23/2013 3:07 PM >>>

Hi Rob,

Thank you for discussing the SSP2 sampling locations with us on May 9<sup>th</sup>. Based on your presentation and our further consideration, EPA and the Partner Agencies are providing the following comments:

- Please go ahead and conduct the probing program the week of June 3<sup>rd</sup>, as is tentatively planned. Please let us know the exact schedule as soon as possible, so we may coordinate oversight, and submit a revised Field Modification Form based on the recommendations in the next bullet.
- In addition to the probing areas you suggest, we would also like to probe:
  - o On the west bank, in the vicinity of 12A-0475

- On the west bank, near RM 9.5 marker (to guide placement of a coring there)
  - On the east bank, in the vicinity of the Unnamed Creek at ~RM9.6, to guide potential placement of at least one coring in this area. Visual inspection of this area may also be used to determine if it will be possible to place a core.
  - Probing at the 3<sup>rd</sup> River should go a bit more into the mouth of the river
  - On both banks, between RM 11 and 12.5 (or so), to verify the previous probing efforts and fill in gaps. You suggest some probing in this zone, but a more comprehensive effort should be conducted.
  - On west bank, extend coring from RM 13 up to approximately RM 13.5
- Once the probing work is completed, the information should be displayed on site maps in a manner which also identifies former sample locations (programs from 2008, 2009-10, 2012 and EMBM) with specific identification numbers. If possible (perhaps on a separate series of aerial maps) provide 2,3,7,8-TCDD concentrations presented in relation to the newly proposed corings for easier evaluation of the proposed SSP2 program.
  - We will not finalize any locations until the probing program is complete. In the meantime, I took your table, removed a few columns for ease of review, and added a column with EPA/PA tentative recommendations.
  - For locations where the nature and extent of contamination is not adequately defined, but probing indicates that very little silt is present, a grab sample should be collected.

In addition, please send a figure showing all of the EMBM data, with 2,3,7,8-TCDD concentrations from 0-6" and the composite to depth. Please include the depth that each of these samples went to.

Please let me know if you have any questions.

Thanks,

Stephanie

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